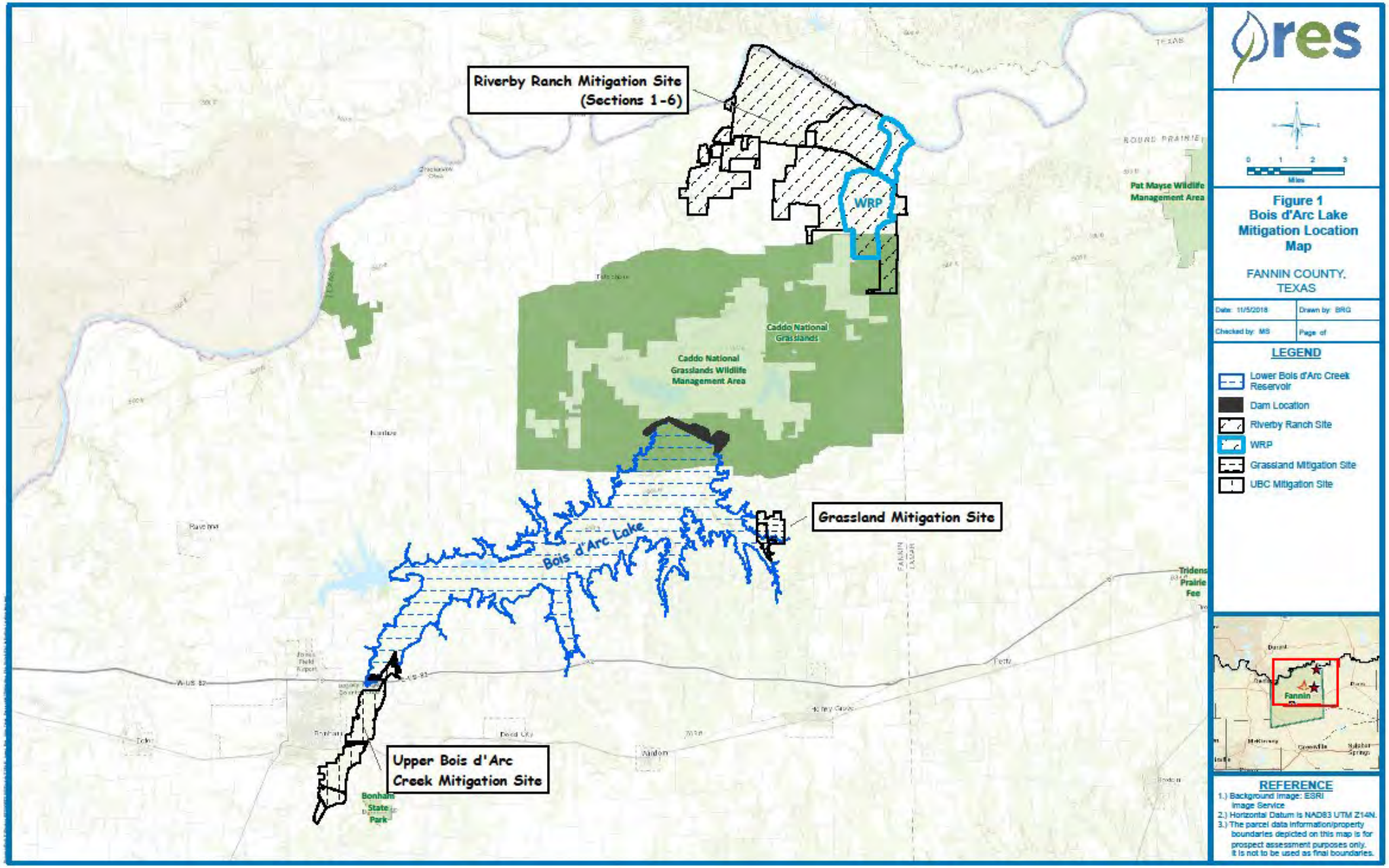


Bois d’ Arc Lake Mitigation Project

Large-Scale
Ecological
Restoration


Riverby Ranch Mitigation Site
(Sections 1-6)
WRP
Pat Mayse Wildlife Management Area
Caddo National Grasslands
Caddo National Grasslands Wildlife Management Area
Grassland Mitigation Site
Bois d'Arc Lake
Upper Bois d'Arc Creek Mitigation Site
Bonham State Park
Tridens Prairie Fee
res
0 1 2 3
Miles
Figure 1
Bois d'Arc Lake
Mitigation Location Map
FANNIN COUNTY, TEXAS
Date: 11/5/2018
Drawn by: BRG
Checked by: MS
Page of
LEGEND
Lower Bois d'Arc Creek Reservoir
Dam Location
Riverby Ranch Site
WRP
Grassland Mitigation Site
UBC Mitigation Site
Fannin
REFERENCE
1.) Background Image: ESRI Image Service
2.) Horizontal Datum is NAD83 UTM Z14N.
3.) The parcel data information/property boundaries depicted on this map is for prospect assessment purposes only. It is not to be used as final boundaries.



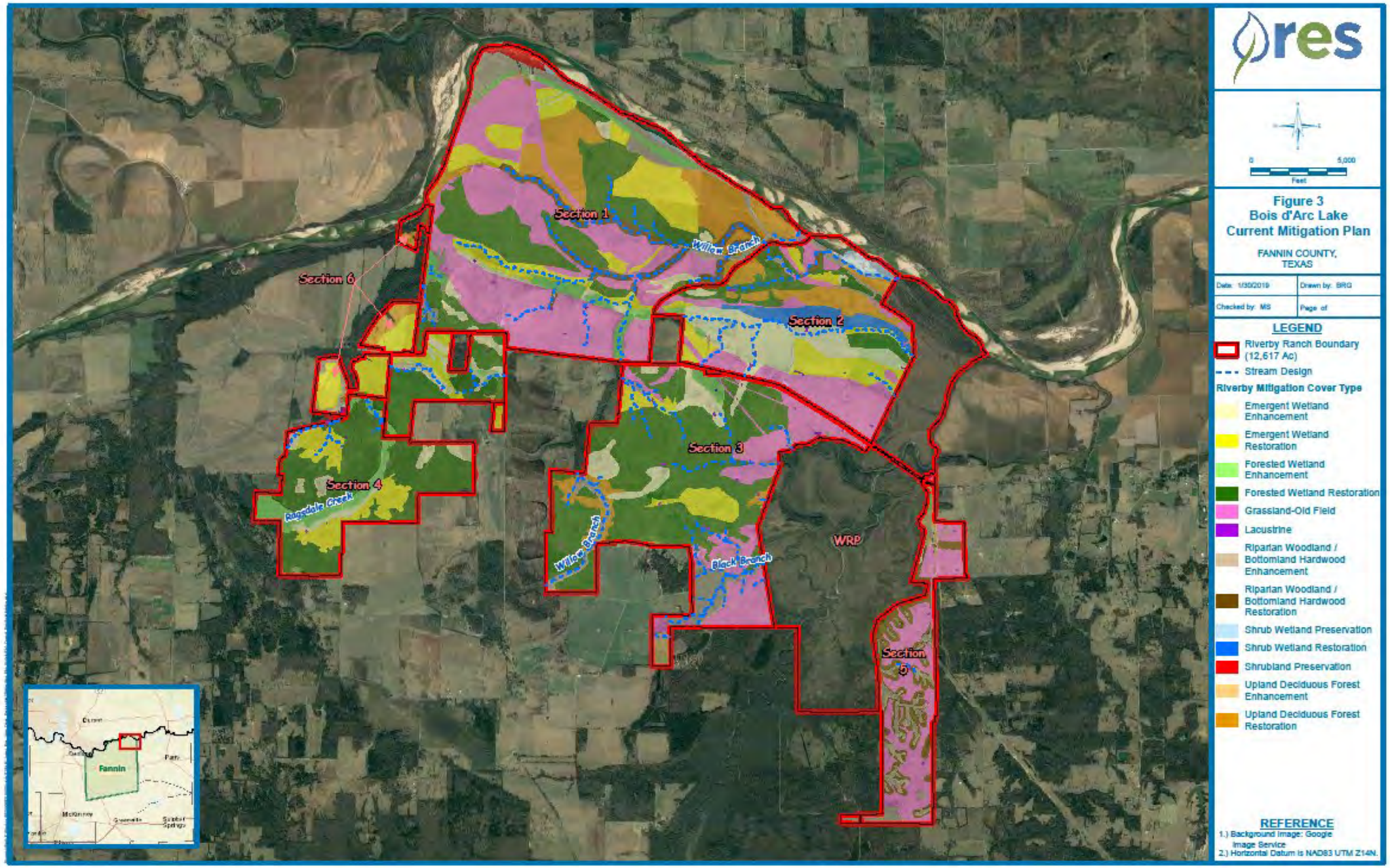
- RES is restoring and enhancing approximately 70 miles of stream and 15,000 acres of aquatic and terrestrial habitat
  - 2,500 acres of emergent wetlands
  - 6,000 acres of forested wetlands
  - 3,300 acres of native grassland
  - 1,500 acres of riparian woodlands
  - 1,200 acres of upland forest

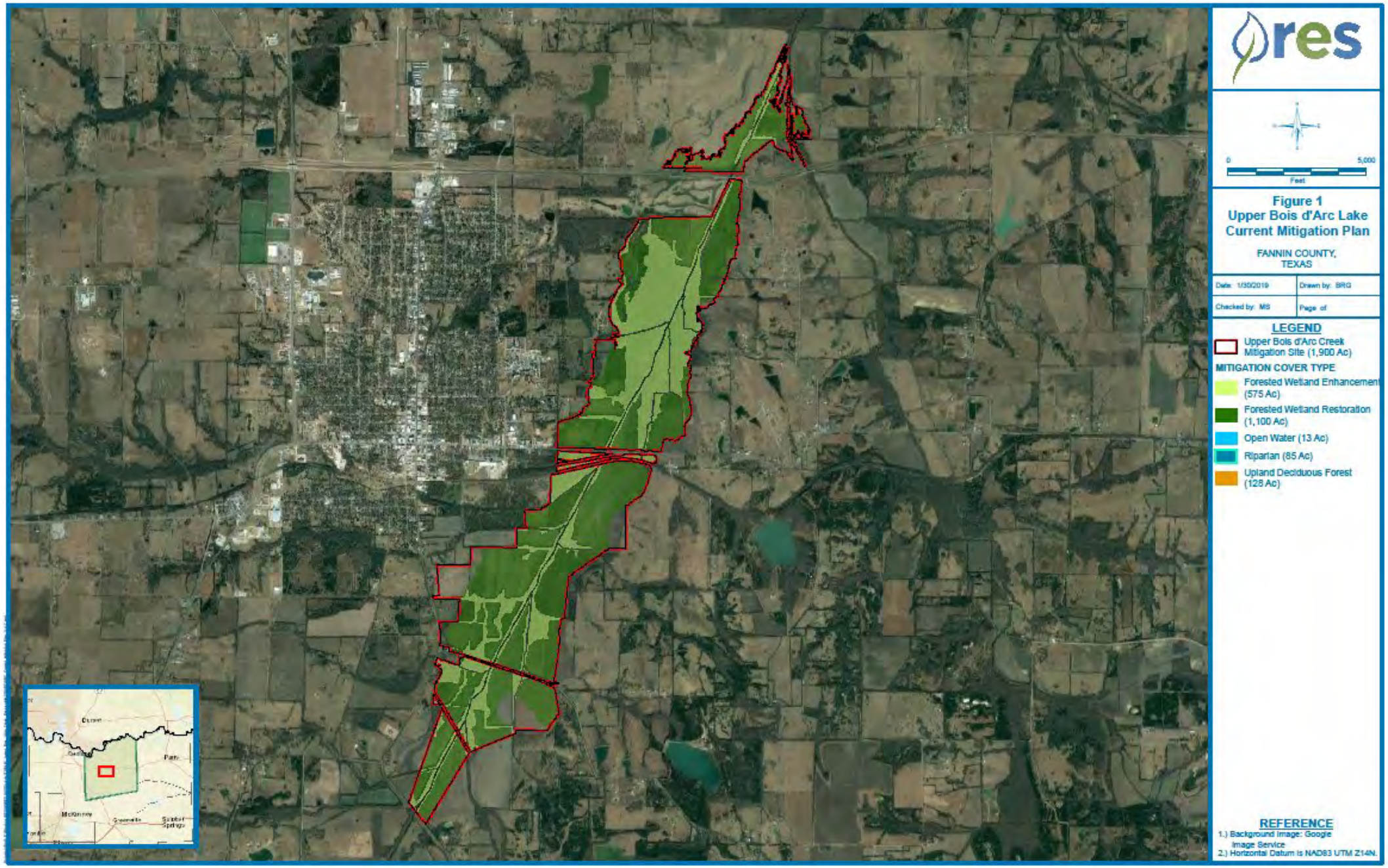


- RES presence on project is 24/7, with full-time staff living on property
- 25-year project with 3-year construction schedule and 22-year monitoring and maintenance
- RES is contracting/employing over 50 local residents with >$10M in local contracts
- NTMWD & RES have also teamed with TAMU Kingsville to develop successful native plant varieties for regional use

Hammett Excavation	Mass excavation, grading, road work, construction, demolition	1687 Co Rd 2917, Dodd City, TX 75438
Riverby Land & Cattle Co., Inc.	Land clearing, mowing, herbicide application, controlled burns	653 CR 2160, Telephone, TX 75488
Outlaw Land Clearing & Fencing	Fence removal, mulching	N Center Street, Bonham, Texas 75418
Baird Contracting	Facilities upgrades, maintenance	4675 F.R. 198 E, Lake Creek, Tx 75450
Berry Construction Group	Facilities	3755 Tigertown Rd Paris Texas 75460
Mattress Factory Outlet	Vendor	1625 Lamar Ave Paris, Texas 75460
Jimmy Page North TX Auctions	Equipment	200 S Texas State Hwy 121 Bonham, TX 75418
Paris Farm and Ranch	Equipment	1710 NE Loop 286, Paris, Texas 75460
Professional Business Systems	Office Supplies	1404 Lamar Ave, Paris Texas 75460
Sanderson Surveying	Contractor	1874 South State Highway 121 Bonham, TX 75418
Fannin County Electric Coop	Electric Provider	1530 Silo Rd. Bonham, TX 75418
Portable Storage Solutions	Storage	PO Box 1016 Paris, Texas 75461

County Trash	Vendor	309 E 9th St Bonham, TX 75418
Langdon Outdoors	Equipment	2340 NE Loop 286, Paris, Texas 75460
Paris Honda and Yamaha	Equipment	2875 NE Loop 286, Paris, Texas 75460
Big Country Farm Center	Material	1800 17th St NE, Paris, Texas 75460
McCraw Oil Company	Vendor	2207 N Center St. Bonham, Texas 75418
Centerpoint Irrigation	Contractor	6825 Lamar Rd, Reno, Texas 75462
CJ Custom Spraying	Contractor	411 N. Main St, Bonham, Texas 75418
Krogman Sand & Gravel	Material	PO Box 1336, Paris, Texas 75461
Lake Creek Farms	Contractor/Material	PO Box 26, Lake Creek, Texas 75450
McQueen Propane	Material	PO Box 98, Paris, Texas 75460
Pennell AG Services	Material	PO Box 482, Trenton, Texas 75490
Rhonda's Housekeeping	Housekeeping Services	1305 E Houston Apt 6, Paris, Texas 75460
Scott & Micha's A/C & Appliance	Facilities	6326 Lamar, Reno, Texas 75462
United AG & Turf	Material	2195 NE Loop 286, Paris, Texas 75460
T&C Pest Solutions	Pest Control	PO Box 944, Paris, Texas 75461
3M Custom Hay Baling	Material	1087 FM 2216, Sumner, Texas 75486


Section 1
Section 2
Section 3
Section 4
Section 5
Section 6
Willow Branch
Willow Branch
Ragsdale Creek
Black Branch
WRP
Fannin
0
5,000
Feet
Figure 3
Bois d'Arc Lake
Current Mitigation Plan
FANNIN COUNTY,
TEXAS
Date: 1/30/2019
Drawn by: BRG
Checked by: MS
Page of
LEGEND
Riverby Ranch Boundary (12,617 Ac)
Stream Design
Riverby Mitigation Cover Type
Emergent Wetland Enhancement
Emergent Wetland Restoration
Forested Wetland Enhancement
Forested Wetland Restoration
Grassland-Old Field
Lacustrine
Riparian Woodland / Bottomland Hardwood Enhancement
Riparian Woodland / Bottomland Hardwood Restoration
Shrub Wetland Preservation
Shrub Wetland Restoration
Shrubland Preservation
Upland Deciduous Forest Enhancement
Upland Deciduous Forest Restoration
REFERENCE
1.) Background Image: Google Image Service
2.) Horizontal Datum is NAD83 UTM Z14N.


res
0
5,000
Feet
Figure 1
Upper Bois d'Arc Lake
Current Mitigation Plan
FANNIN COUNTY,
TEXAS
Date: 1/30/2019
Drawn by: BRG
Checked by: MS
Page of
LEGEND
Upper Bois d'Arc Creek Mitigation Site (1,900 Ac)
MITIGATION COVER TYPE
Forested Wetland Enhancement (575 Ac)
Forested Wetland Restoration (1,100 Ac)
Open Water (13 Ac)
Riparian (85 Ac)
Upland Deciduous Forest (128 Ac)
REFERENCE
1.) Background Image: Google Image Service
2.) Horizontal Datum is NAD83 UTM Z14N.
Denton
Paris
McKinney
Greenville
Sherman
Sulphur Springs

Team RES

RES, SWCA, 5 Smooth Stones, Stantec, Wright, Hammett, Outlaw



Initial Conditions



Assessments



On-Site Design



On-Site Staff



On-Site Materials




Invasive
Species
Control


1.6 Million Trees

Species Mixing



Tree Planting





Herbicide Treatments


Controlled Burns


Habitat Structures

Feral Hog Control



Wetland Depressions











Stream RESToration



Stream RESToration




KOMATSU
KOMATSU




Grassland
RESToration

Monitoring



To Date at Riverby Ranch

- Streams Restored/Enhanced
  - 25 Miles
- Wetlands Enhanced
  - 448 Forested Acres
  - 952 Emergent Acres
- Wetlands Restored
  - 2,274 Forested Acres
  - 439 Emergent Acres

- Trees Planted
  - Over 1.6 M
- Forest Enhanced
  - 900 Acres
- Forest Restored
  - 719 Acres
- Grassland Cover Crops
  - 2,100 Acres

… and we're just getting started.

Questions?

